



## STATE HOMELAND SECURITY PROGRAM

### 2020 LOCAL COMPETITIVE PROJECTS



## BACKGROUND

The State Homeland Security Program (SHSP) grant application consists of investment justifications (initiatives or projects) that are prioritized based on state, regional, and local public safety stakeholder input. Each year, FEMA releases the grant guidance after the federal budget process is completed (usually in the spring). Virginia issues guidance to stakeholders across the Commonwealth through email announcements, correspondence, and seven regional stakeholder meetings where the grant availability and target capability areas are addressed and discussed. These meetings provide an opportunity for local input through a project proposal submission on all facets of the grant priorities. Due to the COVID-19 pandemic, only one in-person regional meeting took place (Region 5 – Chesapeake), and a webinar for the remaining stakeholders. Project proposals are due at the end of a 60-day application period to ensure ample time to develop their requests.

Since 2009, there has been a consistent effort to establish, refine and build upon a risk-based formula to allocate funds from homeland security programs. Each year, the Virginia Department of Emergency Management (VDEM), under the leadership of the Secretary of Public Safety and Homeland Security (SPSHS), allocates an average of \$7 million to enhance homeland security and emergency management across the Commonwealth. It is the goal of the SPSHS to promote transparency and public safety stakeholder involvement in the decision-making process for the allocation of these critical grant funds. To achieve an objective and transparent decision rationale and to give decision makers confidence that public funds are being well spent; VDEM uses a portfolio decision analysis methodology for grant allocation.

The State Homeland Security Grants provide much needed funding to local governments to prevent and respond to terrorist attacks, including cyber security, soft targets, and other emerging threats," said Curtis Brown, State Coordinator of Emergency Management." We continue to collaborate with public safety partners from around the Commonwealth to determine the priorities for this year's grant process, and nearly 200 local leaders from emergency management, law enforcement, fire and rescue, and EMS participated in the workshop and project evaluation process

## 2020 GRANT CYCLE

In February 2020, VDEM hosted a Public Safety Stakeholder Workshop. The purpose of the workshop was to promote the improvement of the SHSP grant allocation process. Outcomes of the workshop included recommendations on grant guidelines and ground rules, and stakeholder driven refinement of project proposal scoring criteria. Adopted grant guidelines and ground rules include the following:

- Individual projects will be funded at a MINIMUM of \$10K, and a MAXIMUM of \$250K per project
- Prime movers (pickup trucks) are not allowed.
- A \$500K cap of funds available will be placed on all special mission (armored type) vehicles.
- A \$250K cap of funds available will be placed on all Community Emergency Response Team (CERT) project awards.
- Projects that are divided into multiple proposals are not allowable. Applicants must include all project components in one proposal.
- State agencies are eligible to partner with local or regional fiduciary agencies on projects but must not function as the fiduciary agent.
- The bottom 40% of lowest scoring projects will be eliminated prior to benefit-cost ranking.
- Projected project performance period is Oct. 1, 2020-June 30, 2022

Seven criteria were evaluated by peer reviewers not within the project region: scope, capability linkage, sustainment, whole of community, project management, performance measurement plan, and project replication. Four criteria were evaluated by subject matter experts (SME): risk, benefit, vetted regionalism, and resource sharing. Projects were evaluated by one of four SME group types: Regional, interoperable communications, cyber security, or competitive special operation teams. This voluntary process was open to all professional groups, state agencies and local government officials from different disciplines.

## 2020 RESULTS

Old Dominion University's Virginia Modeling, Analysis and Simulation Center (VMASC) provided the analysis for the proposals calculating the total benefit score and benefit-cost ratio. In 2020, 153 projects totaling nearly \$14.4 were submitted. Seven of these projects were ineligible due to federal and stakeholder driven State guidelines. The remaining 146 projects costing \$12.9M were evaluated by nearly 200 peer reviewers and subject matter experts. Of the 148 projects evaluated, 88 scored above the 40% threshold established by stakeholders. The project's overall benefit score and cost ratio were used to generate a ranking of all projects. Sixty-four projects valued at \$3.7M were selected for funding.

In order to comply with the federal requirements of the grant portfolio to include national priority set asides, five projects below the cutline that address cyber security and soft targets/crowded places were moved up which moved five projects below the cutline. New federal requirements necessitate a 5% contribution from each of the following four national priority investment areas:

- Enhancing Cyber Security (including election security) – 5%
- Enhancing protection of soft targets/crowded places – 5%
- Enhancing information and intelligence sharing – 5%
- Addressing emergent threats (unmanned aerial systems, WMDs, etc.) – 5%

The following provides the results including projects selected for funding (Table 1), projects not selected for funding due to unavailable funds/new federal requirements (Table 2), Low Score/Bottom 40% (Table 3), or ineligibility (Table 4).

**TABLE 1 PROJECTS SELECTED FOR FUNDING SORTED BY BENEFIT COST RATIO HIGHEST TO LOWEST (PROJECTS 64; COST \$3.7M)**

Agency	Project (Selected for Funding)	Cost
City of Virginia Beach	VA20-SHSP-0025 VBCERT Program Enhancement & Sustainment	\$15,500
Stafford County Fire Rescue Department	VA20-SHSP-0089 Stafford County Community Emergency Response Team	\$15,000
City of Norfolk	VA20-SHSP-0096 Norfolk Community Emergency Response Team	\$16,153
Richmond Regional Planning District Commission	VA20-SHSP-0078 Central Virginia Training & Exercise Enhancement	\$20,000
Page County Sheriff's Office	VA20-SHSP-0002 Regional CERT-Page County and Warren County	\$18,550
James City County Emergency Management	VA20-SHSP-0052 Regional Citizen Corps Project James City County a	\$21,100
Richmond Regional Planning District Commission	VA20-SHSP-0113 2020 EMACV Regional Recovery Exercise	\$25,000
Shenandoah County	VA20-SHSP-0095 Enhancement of criminal investigation equipment	\$28,891
Roanoke County	VA20-SHSP-0041 Roanoke County Elections Cyber Security	\$25,900
City of Virginia Beach Police Department	VA20-SHSP-0080 Tactical Communications Headsets for SWAT	\$22,000
City of Winchester	VA20-SHSP-0131 Winchester Fire & Rescue Dept. Ballistic Equipment	\$34,200
Prince Edward County	VA20-SHSP-0043 Radio upgrade to P-25 compliant for HSC Police	\$38,634
Marion Police Department	VA20-SHSP-0130 County Active Threat Response Smyth	\$27,973

Agency	Project (Selected for Funding)	Cost
Richmond Regional Planning District Commission	VA20-SHSP-0079 Central Virginia Whole Community Events & Workshop	\$40,000
Frederick County Fire and Rescue Department	VA20-SHSP-0125 Decontamination System Grant	\$28,150
City of Virginia Beach Police Department	VA20-SHSP-0083 Replacement of the throwable robot for SWAT Team	\$27,000
Alexandria Fire Department	VA20-SHSP-0169 Enhancing Capabilities for Swift Water Response	\$29,736
Westmoreland County Sheriff's Office	VA20-SHSP-0013 Westmoreland Unmanned Aerial System Team	\$27,928
Botetourt County Fire and EMS	VA20-SHSP-0149 Botetourt County Incident Management-Support Unit	\$36,000
Commonwealth Regional Council	VA20-SHSP-0105 CRC Regional Emergency Planning Assistance	\$38,556
Dickenson County Emergency Management	VA20-SHSP-0020 Aerial Drone for Surveillance and Response	\$30,805
City of Hampton	VA20-SHSP-0045 Regional Citizen Corps Project Hampton and Poquoson	\$45,000
City of Staunton Police Department	VA20-SHSP-0126 City of Staunton Unmanned Aerial System	\$43,000
Augusta County ECC	VA20-SHSP-0099 Purchase of portable telephone answering positions	\$35,750
Wise County Sheriff's Office	VA20-SHSP-0016 SW Region Unmanned Aircraft Systems Equipment	\$35,000
County of Orange Fire and EMS	VA20-SHSP-0093 Medical Tents for Mass Care with Lighting	\$38,000
City of Galax	VA20-SHSP-0140 Regional Radio Interoperability Study	\$60,000
York County Fire and Life Safety	VA20-SHSP-0057 Specialized training & sustainment suppliesequip.	\$50,000
City of Hopewell	VA20-SHSP-0151 Regional Mobile Command Unit Enhancement	\$50,000
City of Hampton	VA20-SHSP-0044 Enhanced Shelter and Refuge of Last Resort Plannin	\$50,000
City of Suffolk Police Department	VA20-SHSP-0035 Suffolk Police Mobile Event Security Cameras	\$46,412
Wise County Sheriff's Office	VA20-SHSP-0015 Special Response Team Equipment Purchases	\$50,501
Wise County Sheriff's Office	VA20-SHSP-0017 Southwest VA Regional Scenario Training Facility	\$58,000
Richmond Regional Planning District Commission	VA20-SHSP-0071 Central Virginia Mass Care Training & Exercise	\$60,000

Agency	Project (Selected for Funding)	Cost
Richmond Regional Planning District Commission	VA20-SHSP-0081 Central Virginia Whole Community Media Campaign	\$60,000
Botetourt County Fire and EMS	VA20-SHSP-0148 Swiftwater Rescue Team Deployment Resources	\$58,152
Town of Farmville Police Department	VA20-SHSP-0034 Radio upgrade (P-25 compliant) and replacement	\$82,261
Chesterfield County Fire and EMS	VA20-SHSP-0112 Unmanned Aircraft System Equipment CFEMS 2020	\$60,000
Fairfax County Fire and Rescue Department	VA20-SHSP-0062 Purchase of non PFAS Foam and Team Training	\$75,000
Richmond Regional Commission	VA20-SHSP-0069 Regional Emergency Management Planning Support	\$74,275
City of Hampton	VA20-SHSP-0049 Regional Shelter Trailers and Equipment	\$75,000
City of Hampton	VA20-SHSP-0107 Peninsula Regional Family Assistance Center Plan	\$75,000
Frederick County Fire and Rescue Department	VA20-SHSP-0120 Frederick County Fire and Rescue Department Rescue	\$60,000
Chesterfield County Fire and EMS	VA20-SHSP-0082 Central VA Regional Flammable Liquids Training	\$65,000
Chesterfield County Fire and EMS	VA20-SHSP-0173 SWRT Chesterfield	\$76,000
Craig County	VA20-SHSP-0074 Craig County Critical Communications System Plan	\$78,500
HRPDC and HRMMRS	VA20-SHSP-0055 HRMMRS Inventory Management System Enhancement	\$80,850
City of Hopewell	VA20-SHSP-0145 Regional Tactical Response Capability Enhancement	\$70,000
Hampton Roads MMRS	VA20-SHSP-0073 CBRNE Pharmaceutical Stockpile – Antibiotics	\$86,100
Commonwealth Regional Council	VA20-SHSP-0127 CRC Regional Assistance – Election Security	\$98,069
County of Lunenburg Public Safety	VA20-SHSP-0067 Lunenburg County Critical Comms System Planning	\$89,500
City of Chesapeake Fire Department	VA20-SHSP-0026 Foam Team Flammable Liquid Firefighting Training	\$74,248
Hampton Roads MMRS	VA20-SHSP-0072 MCI and MASS CARE capability sustainment	\$94,500
County of Buckingham	VA20-SHSP-0094 Remote 911 call handling through mobile solutions	\$83,202
Town of Pulaski Police Department	VA20-SHSP-0050 Increase Officer Safety Protection of Soft Targets	\$68,000
City of Virginia Beach Fire Department	VA20-SHSP-0172 Virginia Beach Fire Department Swiftwater Rescue	\$76,000

Agency	Project (Selected for Funding)	Cost
City of Hampton Police Division	VA20-SHSP-0090 HPD's S.W.A.T. Team Equipment Modernization	\$81,450
Hampton Roads Planning District Commission	VA20-SHSP-0056 Shelter Registration and Management Equipment	\$71,400
City of Galax	VA20-SHSP-0133 PSAP Continuity of Operations (COOP)	\$81,000
City of Lynchburg Police Department	VA20-SHSP-0036 Mobile Vehicle Barriers & Trailer	\$122,990
Chesterfield County	VA20-SHSP-0065 Election Cybersecurity Resiliency Governance Plan	\$100,000
Nottoway County	VA20-SHSP-0135 Implementation of cyber security framework	\$104,538
City of Christiansburg Police Department	VA20-SHSP-0124 Increasing Officer Safety and Enhancing the Protec	\$129,732
County of Floyd	VA20-SHSP-0144 County of Floyd Cyber Security Enhancement	\$150,000

**TABLE 2 PROJECTS NOT SELECTED FOR FUNDING SORTED BY BENEFIT COST RATIO HIGHEST TO LOWEST (PROJECTS 24; COST \$4M)**

Agency	Project (Not Selected for Funding)	Cost
Danville Fire Department	VA20-SHSP-0024 Danville Regional Swift Water Rescue Team	\$131,719
City of Fredericksburg	VA20-SHSP-0100 Robot for SWATEODSearch & RescueHM	\$90,515
City of Norfolk	VA20-SHSP-0021 Bomb Suit and SCBA for Norfolk Bomb Squad	\$95,000
Newport News Fire Department	VA20-SHSP-0170 NNFD Swiftwater Response Boats	\$113,099
County of Wise Emergency Management	VA20-SHSP-0059 Southwest Regional Mass Notification System	\$98,434
Accomack County Department of Public Safety	VA20-SHSP-0032 Accomack County Water Rescue Team BoatEquipment	\$92,000
City of Waynesboro Emergency Management and EMS	VA20-SHSP-0141 Staunton Augusta Waynesboro Regional CAD to CAD	\$94,701
City of Martinsville	VA20-SHSP-0139 UAS ReplacementUpgrade	\$98,450
City of Hampton	VA20-SHSP-0108 Peninsula Regional Personal Protective Equipment	\$150,000
City of Roanoke	VA20-SHSP-0171 Roanoke Fire-EMS Special Operations Sustainability	\$125,504
City of Newport News Fire Department	VA20-SHSP-0092 NNFD Rapid Foam Response Platform	\$135,000

Agency	Project (Not Selected for Funding)	Cost
City of Virginia Beach Police Department	VA20-SHSP-0077 Special event bomb squad response equipment	\$145,000
Goochland County	VA20-SHSP-0053 NIST Cyber Security Framework for Goochland County	\$210,000
CHESTERFIELD COUNTY VIRGINIA POLICE DEPARTMENT	VA20-SHSP-0019 LE PROTECTION IN HIGH-RISK SITUATIONS	\$149,650
Accomack County Department of Public Safety	VA20-SHSP-0123 Accomack Continuity Planning and Management Plan	\$180,200
Greene County Office of Emergency Services	VA20-SHSP-0106 Greene County Radio System Equipment	\$227,810
Charles City County Virginia	VA20-SHSP-0110 Implementation of NIST Cyber Security Framework	\$241,500
County of Pulaski	VA20-SHSP-0060 Tactical Response Preparedness and Protection	\$222,569
Roanoke Police Department	VA20-SHSP-0023 Mobile Surveillance and Deterrence Tower	\$221,967
Middle Peninsula Planning District Commission	VA20-SHSP-0022 Middle Peninsula Regional Cyber-security Support	\$231,920
County of Roanoke Virginia	VA20-SHSP-0040 Roanoke Co Elections Cybersecurity Improvements	\$250,000
Powhatan County Office of Elections and Voter Registration	VA20-SHSP-0115 Implement Protective Cybersecurity Framework	\$236,465
Shenandoah County of Virginia and Shenandoah County Public Schools	VA20-SHSP-0122 Implementation of NIST Framework Shenandoah County	\$241,605
Russell County Sheriff's Office	VA20-SHSP-0101 Critical Incident Mobile Command Center Unit	\$250,000

Projects that did not score high enough to be considered for benefit cost analysis are listed below in order of highest to lowest benefit score (Table 2). This accounts for 49 of 121 projects eligible for review. The minimum benefit score needed to be greater than 48.03.

**TABLE 3 PROJECTS ELIMINATED DUE TO LOW SCORE SORTED BY SCORE HIGHEST TO LOWEST (PROJECTS 58; COST \$5.2)**

Agency	Project (Eliminated – Low Score)	Cost
Henrico Fire	VA20-SHSP-0102 CBRNE DETECTION AND LOCATION VIA SIDE SCAN SONAR	\$48,566
City of Suffolk Department of Fire and Rescue	VA20-SHSP-0085 Mobile Communication Center Technology Upgrades	\$250,000
Botetourt County Sheriff's Office	VA20-SHSP-0146 Officer Safety and Protection of Soft Targets	\$174,012
City of Lynchburg	VA20-SHSP-0006 CoL Cybersecurity Enhancement Project	\$239,000

Agency	Project (Eliminated – Low Score)	Cost
Sussex County	VA20-SHSP-0150 Implementation of cyber security framework	\$108,150
King George County Fire Rescue and Emergency Services	VA20-SHSP-0114 Mobile Video Surveillance Trailer for King George	\$55,000
Bland County	VA20-SHSP-0121 Emergency Response UTV and Trailer	\$58,000
City of Fredericksburg	VA20-SHSP-0103 Access Security for Fire, City Hall & Executive Pl	\$82,288
Patrick County Sheriff's Office	VA20-SHSP-0066 911 Disaster Recovery, Cybersecurity Enhancement	\$222,524
Emergency Management	VA20-SHSP-0132 Regional Access and Functional Needs Registry	\$25,000
City of Fredericksburg	VA20-SHSP-0143 Intrusion Detection Prevention System	\$85,548
Chesapeake Police Department	VA20-SHSP-0058 Decreasing Vulnerability of Soft Target Area	\$56,729
Hanover County Sheriff's Office	VA20-SHSP-0054 Enhance Capabilities to Respond to CRBNE Events	\$24,500
City of Richmond Police Department	VA20-SHSP-0033 Rapid Response Explosive Mitigation Vehicle	\$85,000
Department of Emergency Communications	VA20-SHSP-0061 Mobile Camera Platform	\$45,000
City of Norfolk	VA20-SHSP-0086 Community Emergency Hubs	\$35,000
Henry County Sheriff's Office	VA20-SHSP-0031 Henry County SO Unmanned Aircraft Detection System	\$190,425
City Of Covington	VA20-SHSP-0153 Fire Station Generator replacement	\$250,000
City of Richmond Police Department	VA20-SHSP-0087 Active Shooter Training Video Run. Hide. Fight.	\$86,600
Chesterfield Fire and EMS Emergency Management	VA20-SHSP-0075 Whole Community Preparedness Outreach and Response	\$15,000
Chesapeake Fire Department	VA20-SHSP-0129 2020 All Hazards Citizen Preparedness & Engagement	\$13,700
Emergency Management	VA20-SHSP-0136 Regional Community Emergency Response Team (CERT)	\$26,018
Powhatan County Public Safety Communications	VA20-SHSP-0029 Interoperable Backup Communications Center	\$242,053
Surry County	VA20-SHSP-0116 Surry County's NIST Cyber Security Initiative	\$241,500
King William County Fire and EMS	VA20-SHSP-0030 Funding equipment upgrades for King William Co	\$122,222
City of Richmond Police Department	VA20-SHSP-0039 Radiation Dosimeters	\$25,000



Agency	Project (Eliminated – Low Score)	Cost
Williamsburg Police Department	VA20-SHSP-0042 Prevent Terrorism and increase Safety	\$250,000
Page County Sheriff's Office	VA20-SHSP-0010 Page County Law Enforcement Mobile Command Unit	\$70,000
King George County	VA20-SHSP-0134 Cyber Security Framework for King George County	\$236,540
County of Rockbridge	VA20-SHSP-0159 County of Rockbridge Layered Cybersecurity Plan	\$109,852
City of Manassas	VA20-SHSP-0084 2021 NCSR Based IT Security Initiatives	\$68,800
Dickenson County Department of Emergency Management	VA20-SHSP-0004 Multiple Response Emergency Services Boat	\$46,222
Richmond Office of Emergency Management	VA20-SHSP-0046 Emergency Operations Plan & Recovery Plan Workshop	\$50,000
Richmond Fire and Emergency Services	VA20-SHSP-0109 COR Whole Community Education & Outreach	\$30,000
City of Norton Office of Voter Registration	VA20-SHSP-0063 Cyber Security for the City of Norton Elections	\$12,650
Westmoreland County Emergency Services	VA20-SHSP-0142 Purchase of Variable Traffic Message Board	\$18,500
City of Alexandria Sheriff's Office	VA20-SHSP-0051 Weapon Training Simulator and Active Shooter Exrs	\$65,033
Prince William County Service Authority	VA20-SHSP-0028 Privileged Access Management solution	\$31,000
City of Poquoson Fire Rescue	VA20-SHSP-0138 MDT replacement	\$65,200
City of Hampton	VA20-SHSP-0047 Radiological Response Equipment	\$75,000
City of Roanoke	VA20-SHSP-0157 Incident Management Trailer Upgrades	\$60,000
Hanover County Government Information Technology Department	VA20-SHSP-0137 Hanover County Cybersecurity Security Enhancements	\$208,000
City Of Fairfax Fire Department	VA20-SHSP-0128 Swift Water Operations Team –Statewide Response	\$27,695
Botetourt Fire and EMS	VA20-SHSP-0147 Self-Contained Breathing Apparatus for CBRN Train	\$60,369
City of Manassas Fire and Rescue	VA20-SHSP-0037 Citizens Corps Program	\$30,500
County of Orange Virginia	VA20-SHSP-0088 Physical Security of Local Elections Offices	\$66,372
City of Richmond Office of Emergency Management	VA20-SHSP-0048 City of Richmond Emergency Management Planner	\$72,500

Agency	Project (Eliminated – Low Score)	Cost
City of Hopewell Virginia	VA20-SHSP-0070 Vigilant Managed Endpoint Services	\$198,360
Page County Sheriff's Office	VA20-SHSP-0014 Page County Emergency Response Team	\$21,000
City of Roanoke	VA20-SHSP-0152 Network Intrusion Detection System	\$58,505
City of Manassas Park	VA20-SHSP-0118 Manassas Park City State Homeland Security Program	\$120,350
Office of Voter Registration and Elections Arlington County	VA20-SHSP-0158 Monitor Election Disinformation on Social Media	\$10,000
Arlington County Office of Voter Registration and Elections	VA20-SHSP-0156 Physical Security for Election Infrastructure	\$50,000
City of Roanoke	VA20-SHSP-0155 Security Awareness Training Program	\$63,752
Charlottesville UVA Albemarle Office of Emergency Management	VA20-SHSP-0117 Election Voting Equipment	\$33,115
City of Roanoke	VA20-SHSP-0154 Adoption of Multi-Factor Authentication	\$67,666
Abingdon Volunteer Fire and Rescue Inc	VA20-SHSP-0007 16 foot Jon Boat for 2 agencies in Gloucester Co	\$36,820
County of Rockingham	VA20-SHSP-0027 Cyber Risk Assessment and Policy Review	\$90,000

**TABLE 4 INELIGIBLE PROJECTS (PROJECT 7; COST \$1.6M)**

Buckingham County Sheriffs Office	VA20-SHSP-0064 Buckingham Emerging Threats & Election Security	\$100,004
Henrico Fire Office of Emergency Management	VA20-SHSP-0068 Whole Community Preparedness and Outreach Program	\$7,500
City of Virginia Beach Police Department	VA20-SHSP-0076 Rifle Mounted Night Vision Equipment for SWAT Team	\$92,000
Franklin County VA	VA20-SHSP-0097 Franklin County Virginia Cybersecurity Phase II	\$355,000
Department of Military Affairs	VA20-SHSP-0098 Virginia Defense Force Cyber Support	\$204,000
CITY OF VIRGINIA BEACH VOTER REGISTRATION AND ELECTIONS	VA20-SHSP-0104 Electronic Pollbook Replacement And Update	\$494,608
City of Fredericksburg Police Department	VA20-SHSP-0111 Armored Personnel Carrier Emergency Rescue Vehicle	\$310,970